

FIG. 1 is a perspective view of a device 10, which is a component of a system 100, and which is used to measure the flow of a fluid in a pipe 102. The device 10 is a rectangular block with a top surface 12, a bottom surface 14, and side surfaces 16. It is mounted on a base 70, which is a rectangular block with a top surface 80 and a bottom surface 102. The device 10 is connected to a pipe 102 by a series of rods 202, which are attached to the bottom surface 14 of the device 10 and extend through the base 70 to the pipe 102. The pipe 102 is a cylindrical tube with a top surface 212 and a bottom surface 202. The device 10 is used to measure the flow of a fluid in the pipe 102 by measuring the pressure drop across the device 10.

DOWNSTREAM END

212

10

12

14

70

80

102

16

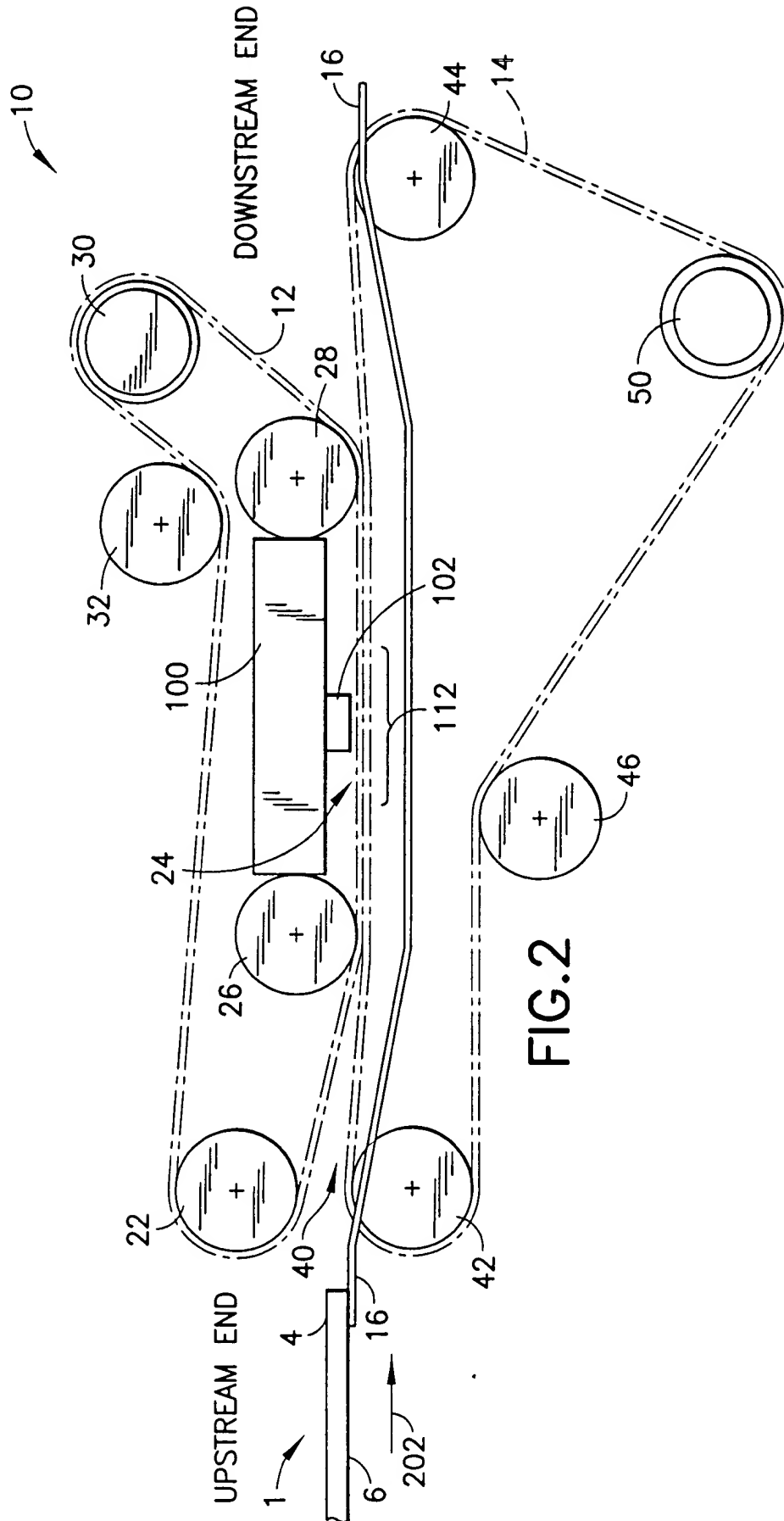
1

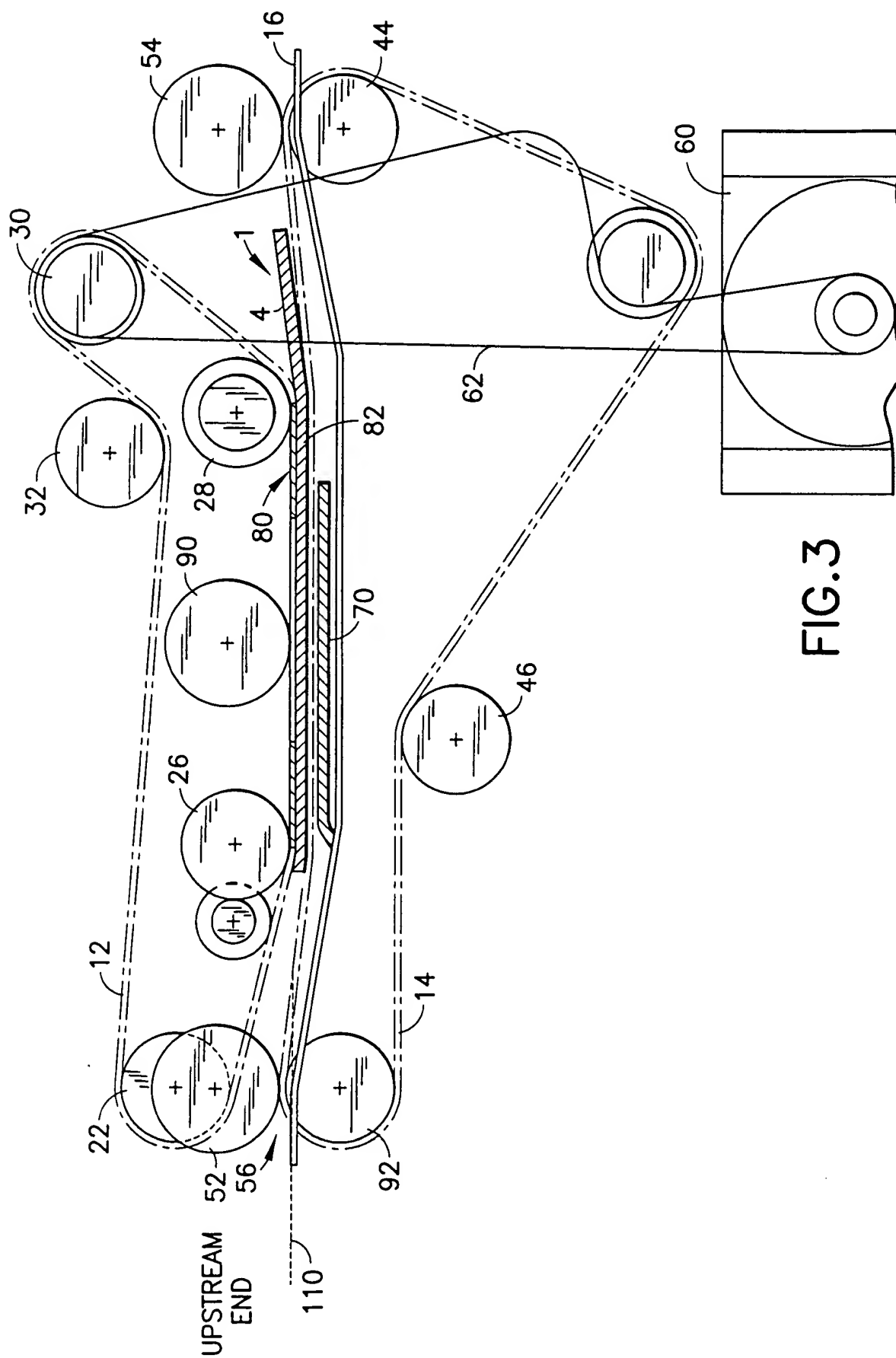
202

UPSTREAM END

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FIG. 1





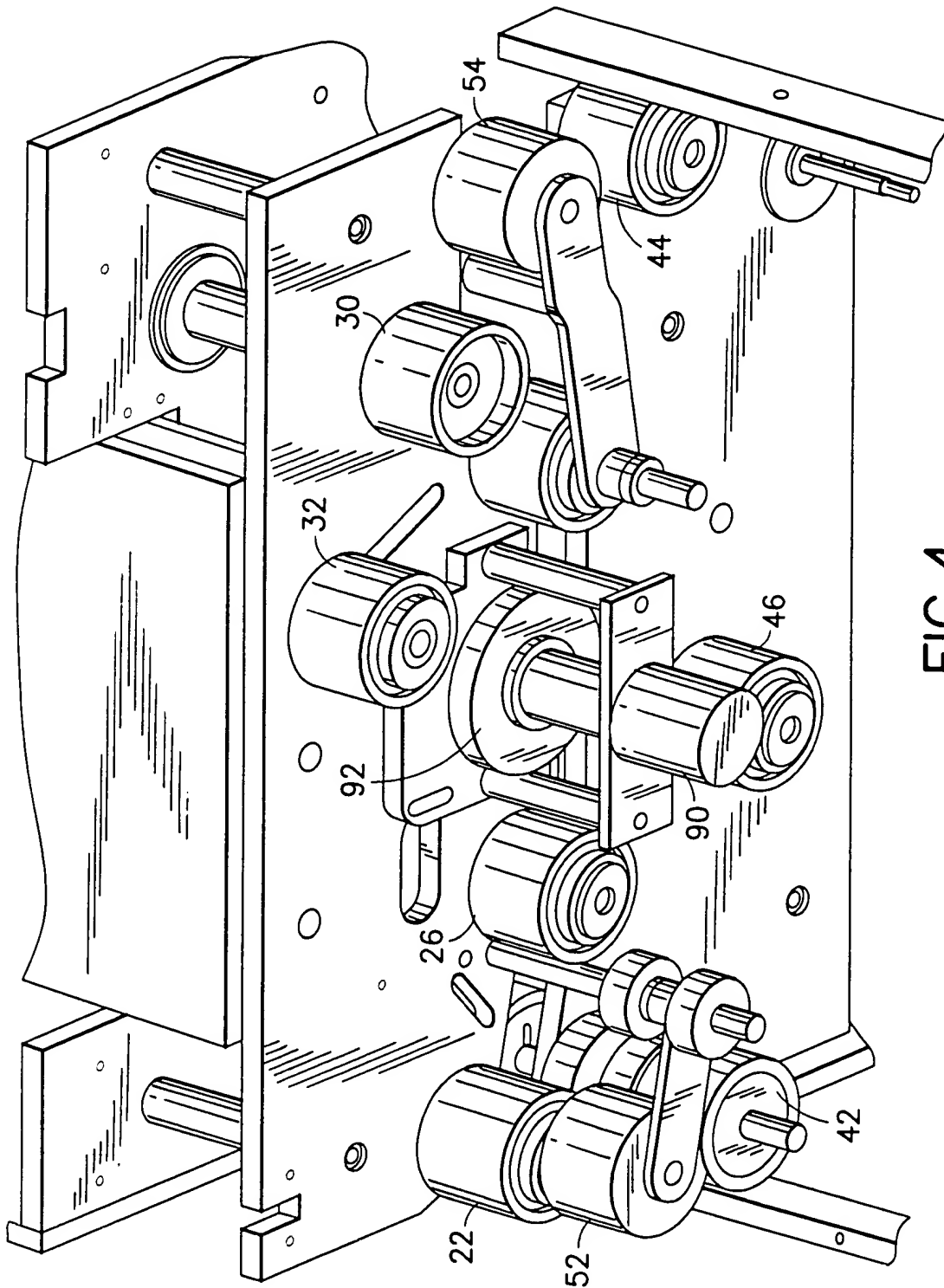


FIG.4

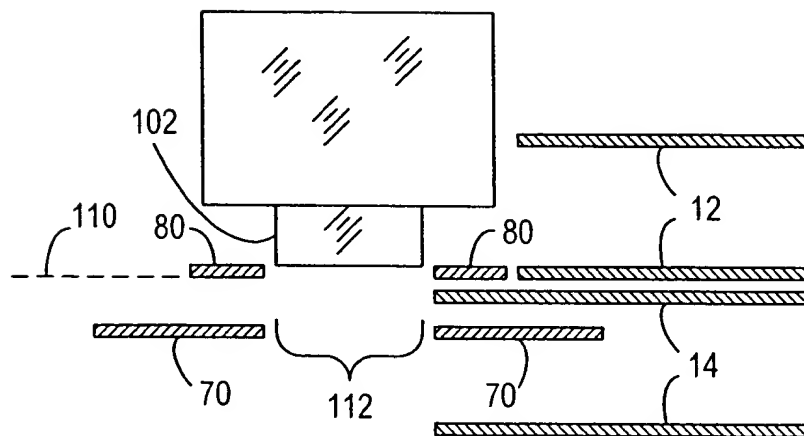


FIG. 5A

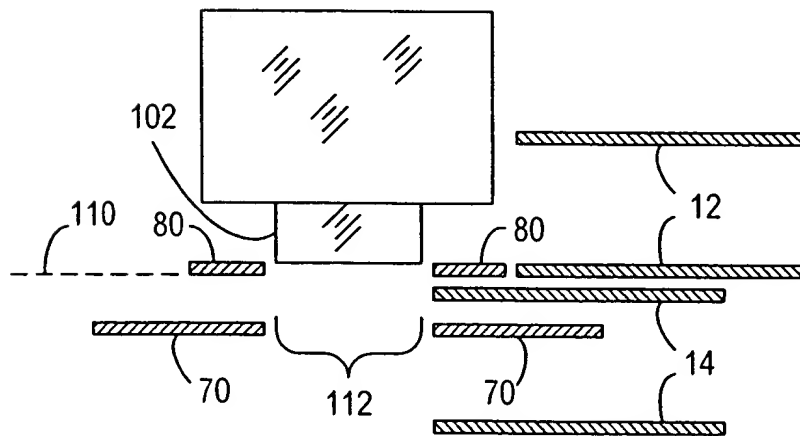


FIG. 5B

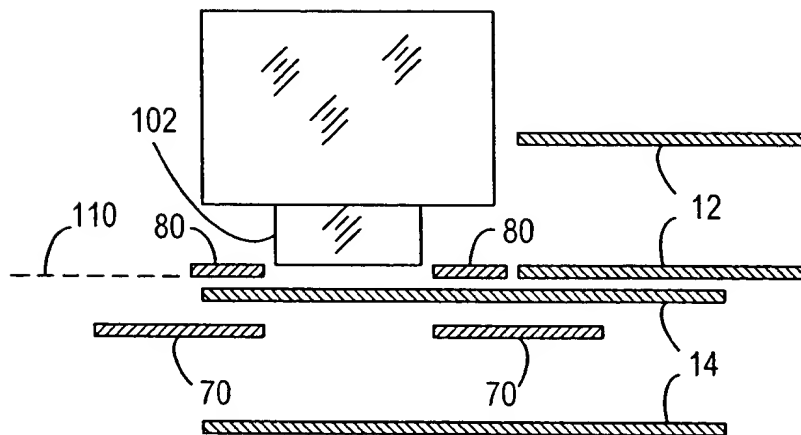


FIG 5C

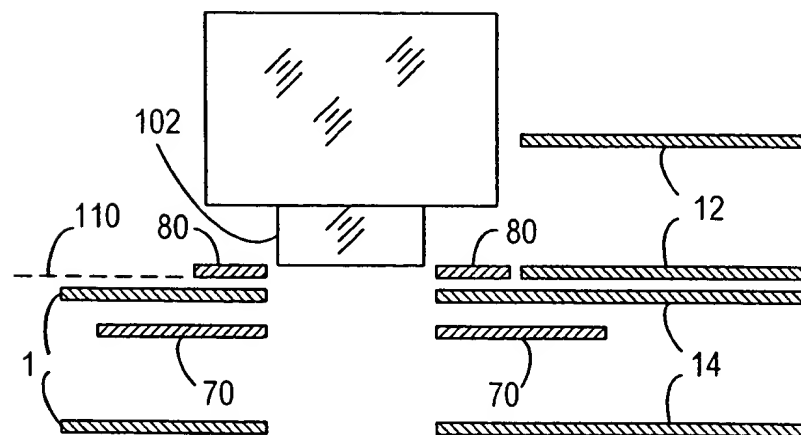


FIG 5D